STEREO POWER AMPLIFER

KM-895

SERVICE MANUAL

KENWOOD

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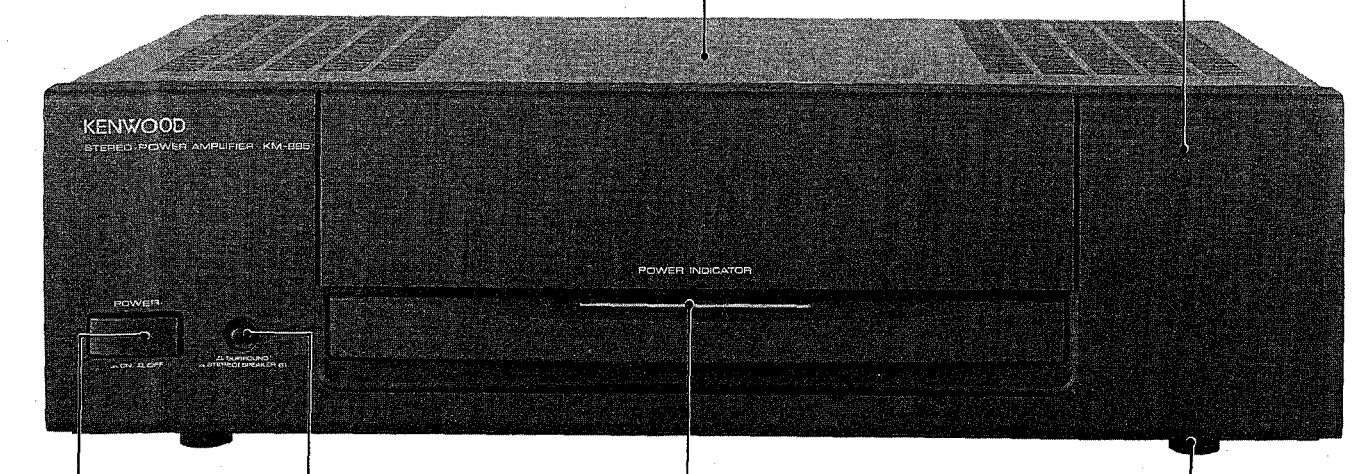
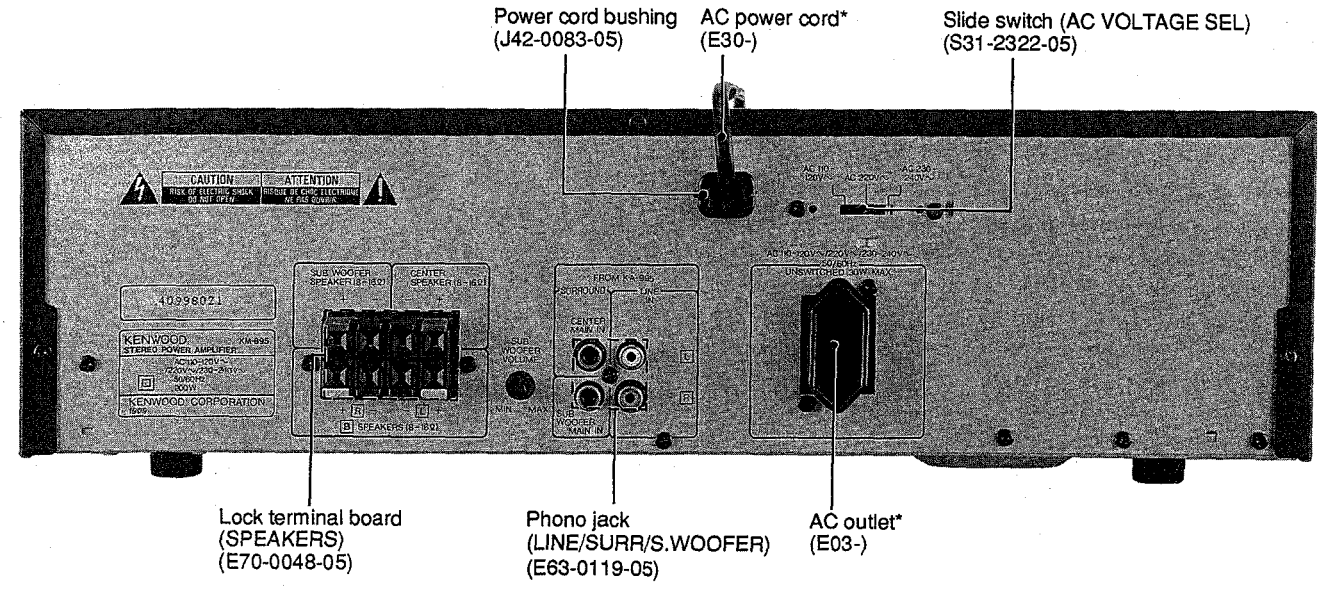
B51-4999-00 (S) 2106





* Refer to parts list on page 12.

XM-895

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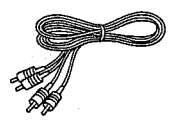
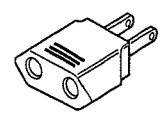
Accessories

Audio cord 2
(E30-0505-05)

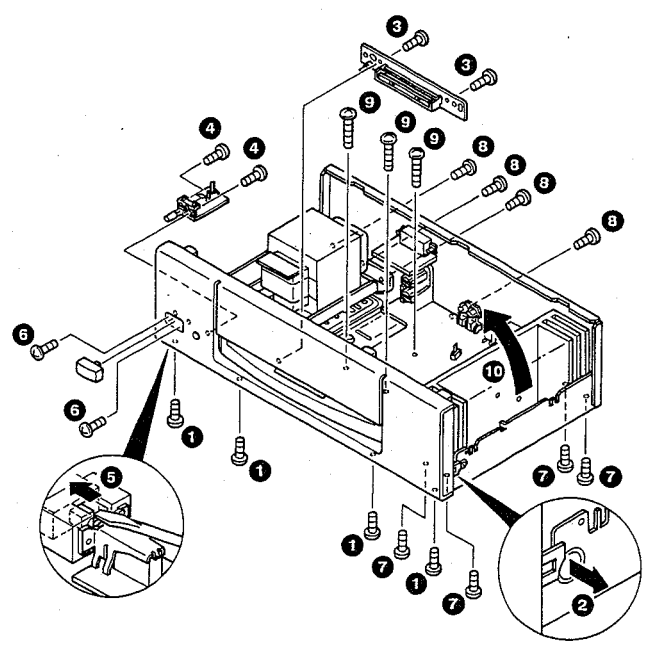


AC plug adaptor 1
(E30-0115-05)
M TYPE ONLY



DISASSEMBLY FOR REPAIR

1) Remove the four screws (❶) at bottom of the front panel and two claws (❷), then remove the front panel.
2) Remove the two screws (❸) of X07 B/6, the two screws (❹) of X07 D/6, and remove the power switch using flat-blade driver (❺) from under the front panel. Then, remove the two screws (❻) from front side.
3) When removing the Main PCB etc., remove the four screws (❼) at bottom side, the four screws (❽) of rear side, and the three screws (❾) fixing the PC boards. Then, pull up the Main PCB etc. to the direction by the arrow (❿).



ADJUSTMENT/REGLAGE/ABGLEICH/AJUSTES

ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	AMPLIFIER SETTING	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	IDLE CURRENT	–	Connect a DC voltmeter across TP1-2 (L) TP3-4 (R)	VOLUME: 0	VR2 (L) VR3 (R)	13.2mV	(a)

REGLAGES

N°	ITEM	REGLAGE DE L'ENTREE	REGLAGE DE LA SORTIE	REGLAGE DE L'AMPLIFICATEUR	POINTS DE L'ALIGNMENT	ALIGNER POUR	FIG.
1	COURANT DE POLARISATION	–	Connecter un voltmètre de CC SUR TP1-2 (G) SUR TP3-4 (D)	VOLUME: 0	VR2 (G) VR3 (D)	13.2mV	(a)

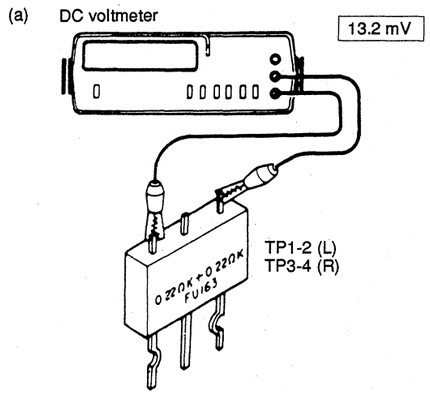
ABGLEICH

NR.	GENGENSTAND	EINGANGS-EINSTELLUNG	AUSANG-EINSTELLUNG	VORSTÄRKER-EINSTELLUNG	ABGLEICHE-PUNKTE	ABGLEICHEN FÜR	ABB.
1	LEERLAUFSTROM	–	Einen Gleichspannungs messer über TP1-2 (L) TP3-4 (R) anschließen.	VOLUME: 0	VR2 (L) VR3 (R)	13.2mV	(a)

ESPANÓL

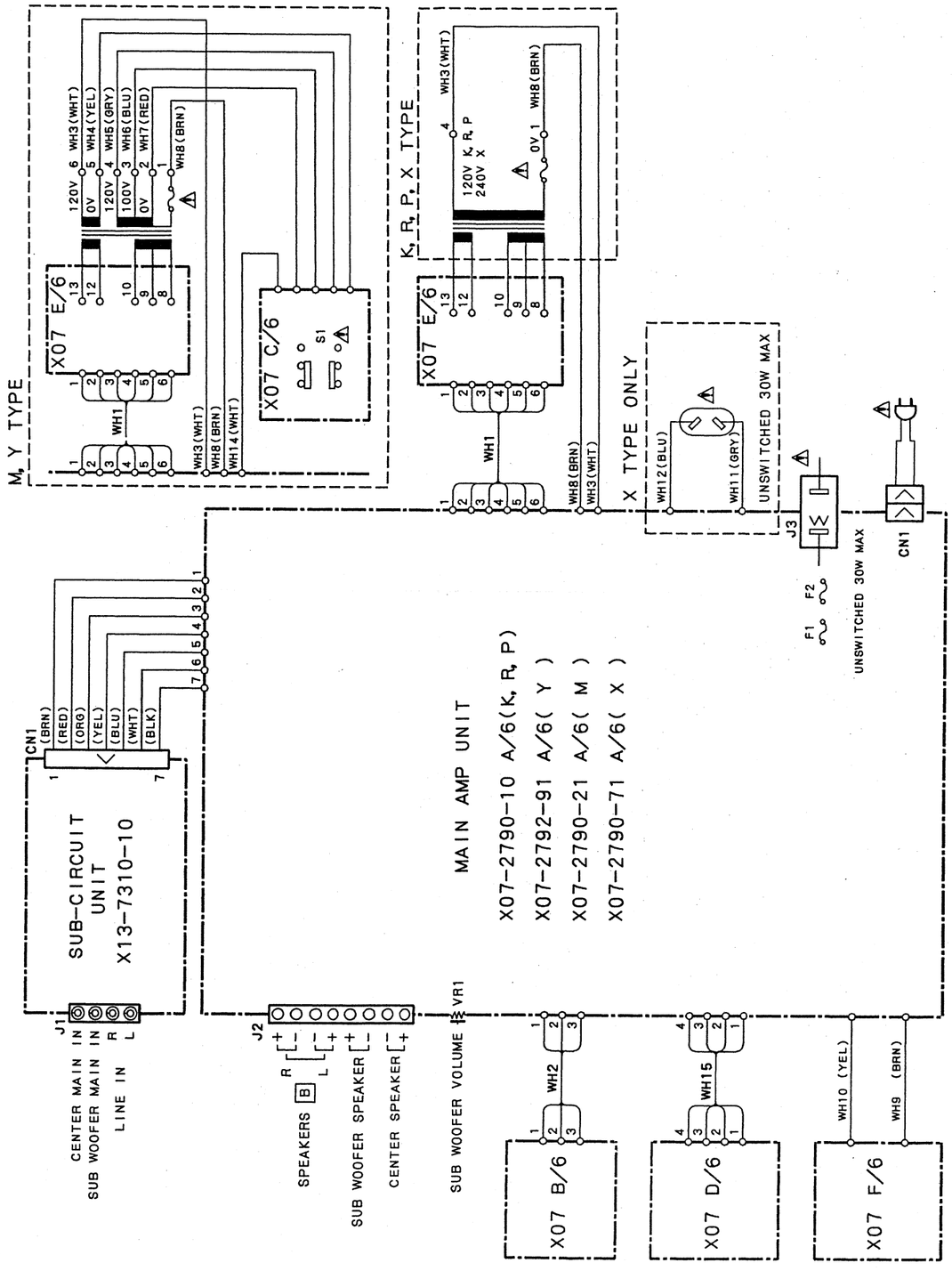
N.°	ÍTEM	AJUSTES DE ENTRADA	AJUSTES DE SALIDA	AJUSTES DEL AMPLIFICADOR	PUNTOS DE ALINEACIÓN	ALINEACIÓN PARA	FIG.
1	OCIOSA CORRIENTE	–	Conecte un voltímetro de CC entre TP1-2(L) y TP3-4(R).	VOLUME : 0	VR2 (L) VR3 (R)	13.2 mV	(a)

(a) DC voltmeter

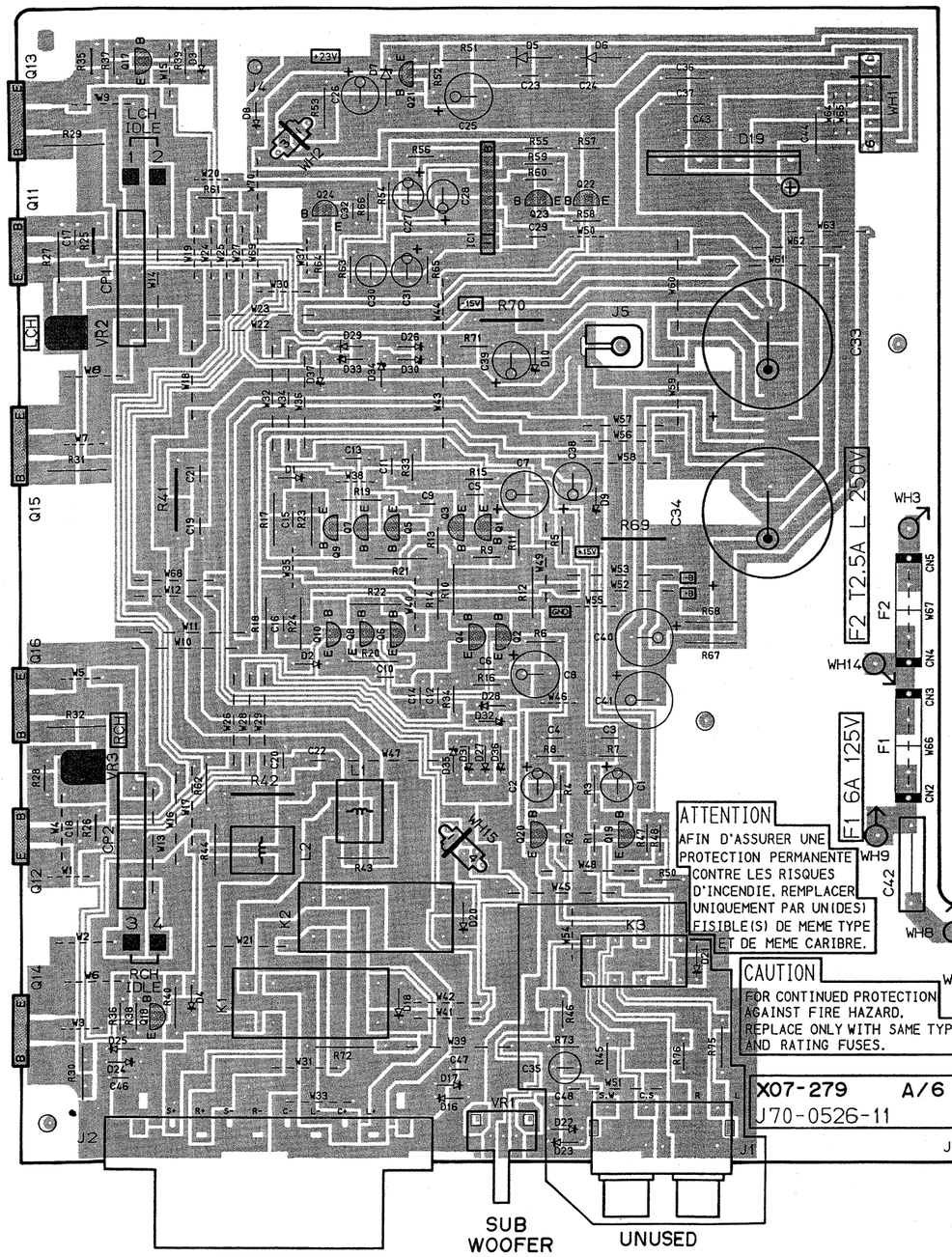


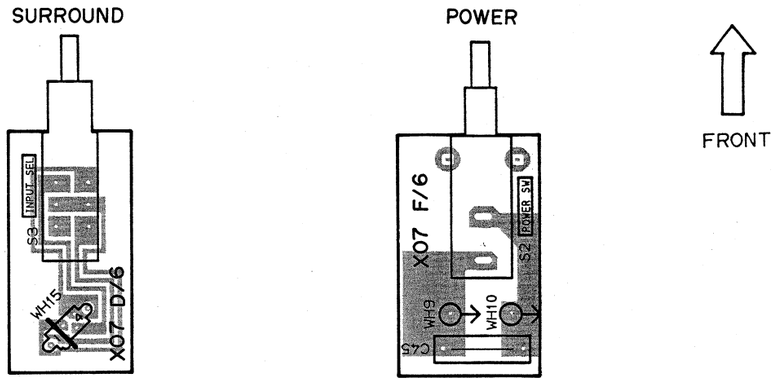
KM-895

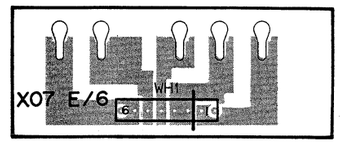
WIRING DIAGRAM

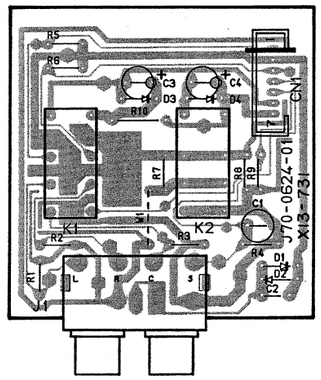


PC BOARD (Component side view)


ATTENTION
AFIN D'ASSURER UNE PROTECTION PERMANENTE CONTRE LES RISQUES D'INCENDIE, REMPLACER UNIQUEMENT PAR UN(DES) FISIBLE(S) DE MEME TYPE ET DE MEME CARIBRE.
CAUTION
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE AND RATING FUSES.
X07-279 A/6
J70-0526-11
F1 6A 125V
F2 T2.5A L 250V
SUB WOOFER SPEAKER (8-16Ω)
CENTER SPEAKER (8-16Ω)
SUB WOOFER VOLUME MIN MAX
B SPEAKERS
UNUSED
AC110-120V~/220V~/230-240V~ 50/60Hz UNSWITCHED 30W MAX.



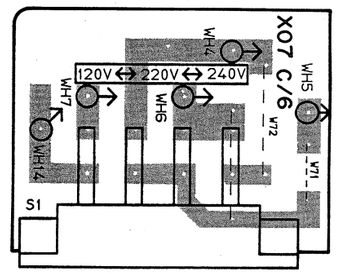




FROM KA-994
LINE IN SURROUND

L CENTER MAIN IN

R SUB WOOFER MAIN IN



Refer to the schematic diagram for the values of resistors and capacitors.

X07-279X-XX A/6

X13-7310-10

D1~4:1SS131 or HSS104A

H I J K L M N O P Q R

(X07-279X-XX)

UNIT	REF, NO. / ABB	F1	F2	J3 (E03-xxxx-05)	S1	WH11, 12	WH4~7, 14	W66	W67	C36.37 C43.44
0-10	K, R, P	6A	NO	0146	NO	NO	NO	NO	YES	NO
0-21	M	T5A	T2.5AL	0108	YES	NO	YES	NO	NO	YES
0-71	X	NO	T2.5AL	NO	NO	YES	NO	YES	NO	YES
2-91	Y	T5A	T2.5AL	0146	YES	NO	YES	NO	NO	YES

IC1 :μPC1237HA

Q1~4, 24	:2SA992(F, E)
Q5~8	:2SC2632(R, S)
Q9, 10	:2SA1124(R, S)
Q11, 12	:2SC4137F19(V, W)
Q13, 14	:2SD2449LB
Q15, 16	:2SB1594LB
Q17, 18	:2SC2631(R, S)
Q19, 20, 23	:2SC1740S(Q, R) or 2SC2785(F,
Q21	:2SC3940A
Q22	:2SA933S(Q, R) or 2SA1175(F, E
D1~4, 8, 18, 20, 26~29	:1SS131 or HSS104A
D5, 6	:S5688B or 1SR139-100
D7, 34~37	:RD24ES(B2) or HZS24N(B2)
D9, 10	:RD15ES(B2) or HZS15N(B2)
D11~15	:B30-2461-05
D16, 17, 24, 25	:1SS133 or HSS104
D19	:D5SBA20F03 or RBV-602LFA
D30~33	:RD22ES(B2) or HZS22N(B2)

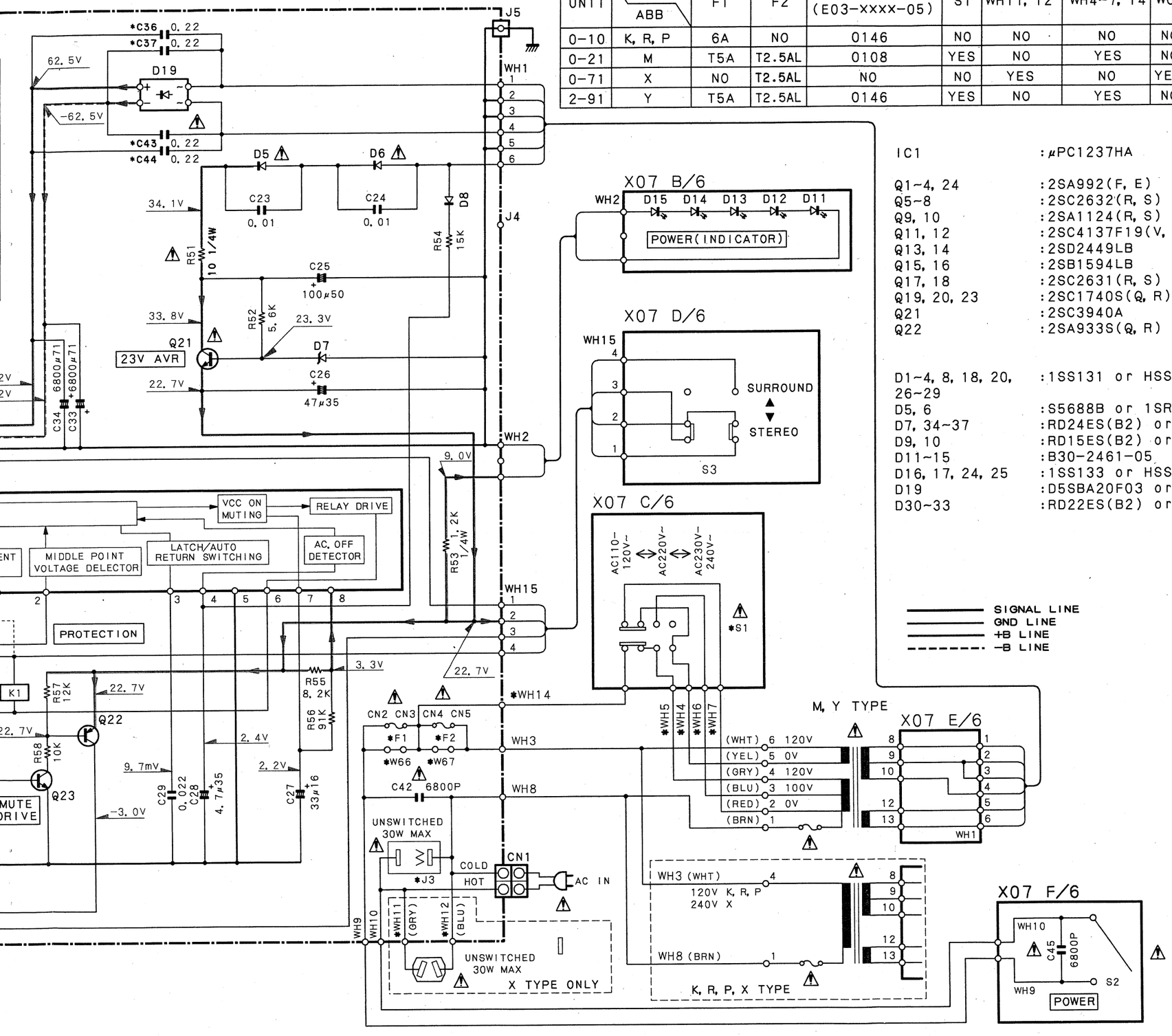
SIGNAL LINE
GND LINE
+B LINE
-B LINE

IDLE

PROTECTION DC DET
PROTECTION AC DET
PROTECTION
PROTECTION DC DET
23V AVR
MUTE DRIVE
IC1
VCC ON MUTING
RELAY DRIVE
OVER CURRENT DETECTOR
MIDDLE POINT VOLTAGE DELECTOR
LATCH/AUTO RETURN SWITCHING
AC, OFF DETECTOR
UNSWITCHED 30W MAX
COLD
HOT
AC IN
CN1
*J3
UNSWITCHED 30W MAX
X TYPE ONLY
WH3 (WHT) 120V K, R, P 240V X
WH8 (BRN)
K, R, P, X TYPE
M, Y TYPE
X07 B/6
POWER(INDICATOR)
X07 C/6
AC110-120V~
AC220V~
AC230V~240V~
*S1
X07 D/6
SURROUND
STEREO
S3
X07 E/6
(WHT) 6 120V
(YEL) 5 0V
(GRY) 4 120V
(BLU) 3 100V
(RED) 2 0V
(BRN) 1
WH1
X07 F/6
WH10
C45 6800P
WH9
POWER
S2
J5
J4
WH1
WH2
WH15
*WH14
WH3
WH8
WH9
WH10
*WH11 (GRY)
*WH12 (BLU)
*WH4
*WH5
*WH6
*WH7
CN2 CN3 CN4 CN5
*F1
*F2
*W66
*W67
C42 6800P
*C36 0.22
*C37 0.22
*C43 0.22
*C44 0.22
D19
62.5V
-62.5V
34.1V
33.8V
23.3V
22.7V
64.2V
-64.2V
9.0V
1.6mV
0.7V
22.7V
2.4V
2.2V
9.7mV
-3.0V
3.3V
0V
-62.5V
Q17
Q18
Q21
Q22
Q23
Q24
D1 D2 D3 D4 D5 D6 D7 D8 D18 D20
K1 K2
L1 L2
R35 8.2K
R36 8.2K
R37 3.3K
R38 3.3K
R39 22K
R40 22K 1/4W
R41 10 2W
R42 10 2W
R43 10 1/4W
R44 10 1/4W
R51 10 1/4W
R52 5.6K
R53 1.2K 1/4W
R54 15K
R55 8.2K
R56 91K
R57 12K
R58 10K
R59 47K
R60 1.5K
R61 470K
R62 470K
R63 43K
R64 30K
R65 2.7K
R66 1.2K
C19 0.1
C20 0.1
C21 0.1
C22 0.1
C23 0.01
C24 0.01
C25 100μ50
C26 47μ35
C27 33μ16
C28 4.7μ35
C29 0.022
C30 47μ10
C31 22μ16
C32 270P
C33 6800μ71
C34 6800μ71

(X07-279X-XX)

UNIT	REF, NO. / ABB	F1	F2	J3 (E03-XXXX-05)	S1	WH11, 12	WH4~7, 14	W66	W67	C36, 37 C43, 44
0-10	K, R, P	6A	NO	0146	NO	NO	NO	NO	YES	NO
0-21	M	T5A	T2.5AL	0108	YES	NO	YES	NO	NO	YES
0-71	X	NO	T2.5AL	NO	NO	YES	NO	YES	NO	YES
2-91	Y	T5A	T2.5AL	0146	YES	NO	YES	NO	NO	YES



IC1 :μPC1237HA

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Q9, 10 :2SA1124(R, S)
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Q15, 16 :2SB1594LB
Q17, 18 :2SC2631(R, S)
Q19, 20, 23 :2SC1740S(Q, R) or 2SC2785(F, E)
Q21 :2SC3940A
Q22 :2SA933S(Q, R) or 2SA1175(F, E)

D1~4, 8, 18, 20, 26~29 :1SS131 or HSS104A
D5, 6 :S5688B or 1SR139-100
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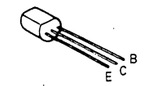
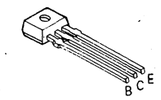
SIGNAL LINE
GND LINE
+B LINE
-B LINE

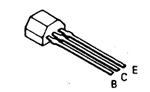
2SA1124
2AS992
2SC2631
2SC2632
2SC3940A



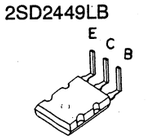
2SA1175
2SC2785



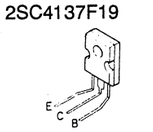
2SA933S
2SC1740S



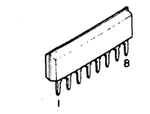
2SB1594LB
2SD2449LB



2SC4137F19



UPC1237HA



DC voltages are as measured with a high impedance voltmeter with no signal input. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance sans signal d'entrée. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser ohne Eingangssignal gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

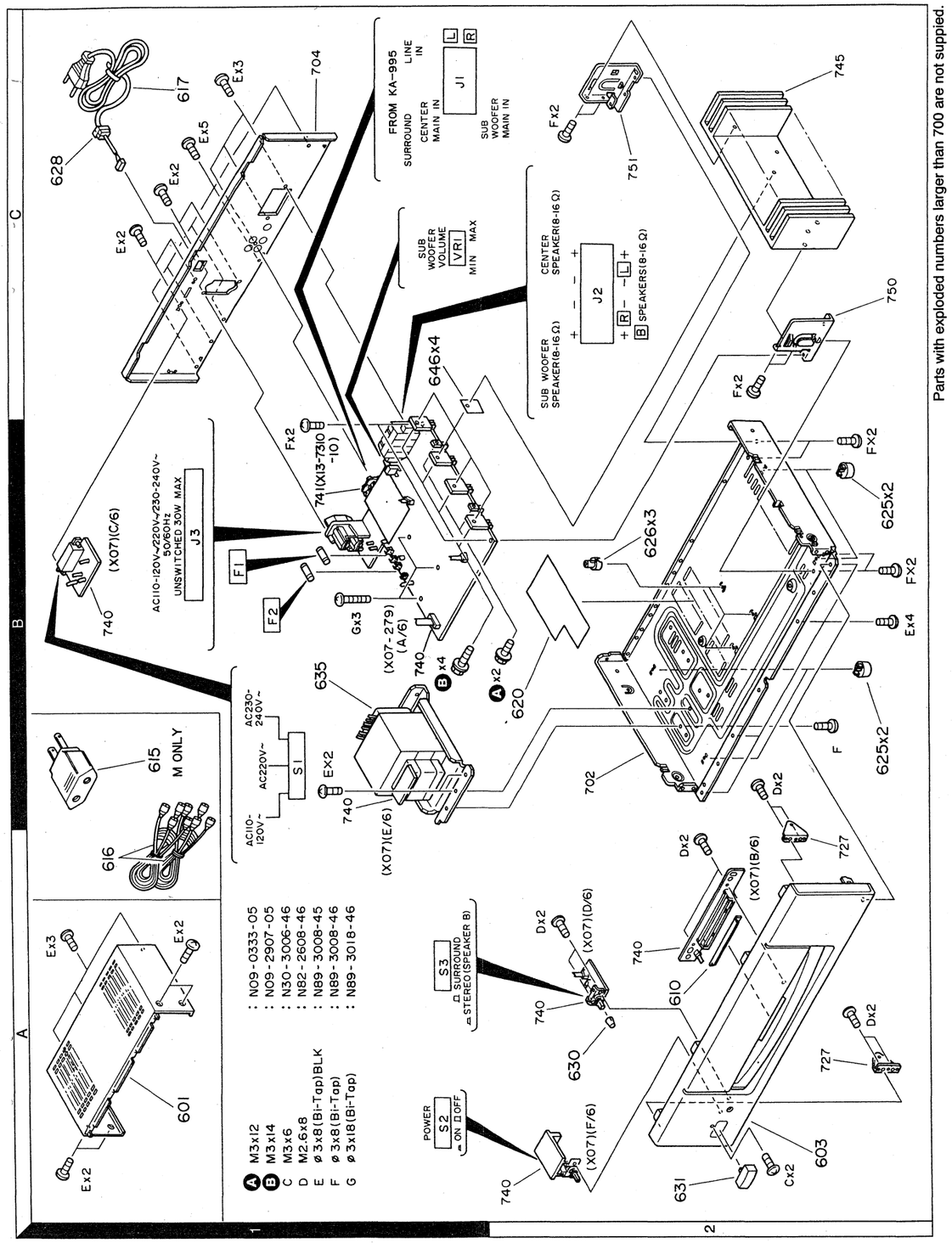
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

Y08-5200-10

KM-895

KENWOOD

EXPLODED VIEW



Parts with exploded numbers larger than 700 are not suppied.

KM-895

PARTS LIST

⁎ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Telle ohne Parts No. werden nicht gellefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
			KM-895			
601	1A		A01-3110-01	METALLIC CABINET		
603	2A	*	A60-0687-11	PANEL		
610	2A		B12-0237-04	INDICATOR		
-		*	B46-0092-43	WARRANTY CARD	KY	
-		*	B46-0096-53	WARRANTY CARD	X	
-			B46-0121-33	WARRANTY CARD	P	
-		*	B58-0964-13	CAUTION CARD (UL)	KRY	
-		*	B58-0965-13	CAUTION CARD (TX TYPE PL)	X	
-		*	B58-0966-13	CAUTION CARD (ELM TYPE PL)	M	
-		*	B58-0967-03	CAUTION CARD (P TYPE PL)	P	
-		*	B58-0968-04	CAUTION CARD	Y	
-		*	B58-0970-13	CAUTION CARD (RG TYPE PL)	R	
-		*	B59-1104-00	SERVICE DIRECTORY	Y	
-		*	B60-1983-00	INSTRUCTION MANUAL(EN)		
-		*	B60-1984-00	INSTRUCTION MANUAL(FR)	P	
-		*	B60-1985-00	INSTRUCTION MANUAL(SP)	RM	
-		*	B60-1986-00	INSTRUCTION MANUAL(C)	M	
-		*	B60-2096-00	INSTRUCTION MANUAL(TAIWAN)	M	
⚠ 615	1B		E03-0115-05	AC PLUG ADAPTER	M	
616	1A		E30-0505-05	AUDIO CORD		
⚠ 617	1C		E30-2592-15	AC POWER CORD	M	
⚠ 617	1C		E30-2605-05	AC POWER CORD	Y	
⚠ 617	1C		E30-2650-05	AC POWER CORD	KRP	
⚠ 617	1C		E30-2717-05	AC POWER CORD	X	
⚠ J3	1B		E03-0141-05	AC OUTLET	X	
620	2B		F20-1395-04	INSULATING SHEET	MX	
		*	H50-1381-04	ITEM CARTON CASE	KRPYX	S
		*	H50-1382-04	ITEM CARTON CASE	M	S
		*	H50-1426-04	ITEM CARTON CASE	KRPYX	W
		*	H50-1436-04	ITEM CARTON CASE	M	W
-			H10-5668-02	POLYSTYRENE FOAMED FIXTURE		S
-			H10-5723-02	POLYSTYRENE FOAMED FIXTURE		W
-			H13-0115-14	CARTON BOARD	X	
-			H25-0232-04	PROTECTION BAG (235X350X0.03)		
-			H25-0382-04	PROTECTION BAG		
625	2B		J02-1013-05	FOOT		
626	2B		J19-3657-14	UNIT HOLDER		
⚠ 628	1C		J42-0083-05	POWER CORD BUSHING		
-			J61-0307-05	WIRE BAND		
630	2A		K27-2081-14	KNOB (SURROUND/STEREO)		
631	2A		K27-2112-04	KNOB (POWER)		
⚠ 635	1B		L07-0841-05	POWER TRANSFORMER	KRP	
⚠ 635	1B		L07-0842-05	POWER TRANSFORMER	YM	
⚠ 635	1B		L07-0888-05	POWER TRANSFORMER	X	
C	2A		N30-3006-46	PAN HEAD MACHINE SCREW		
D	2A, 2B		N82-2608-46	BINDING HEAD TAPTITE SCREW		
E	1A, 1C		N89-3008-45	BINDING HEAD TAPTITE SCREW		
F	2B, 2C		N89-3008-46	BINDING HEAD TAPTITE SCREW		
G	1B		N89-3018-46	BINDING HEAD TAPTITE SCREW		

L: Scandinavia **K**: USA **P**: Canada **R**: Mexico **S**: SINGAPORE made
Y: PX (Far East, Hawaii) **T**: England **E**: Europe **G**: Germany **W**: MALAYSIA made
Y: AAFES (Europe) **X**: Australia **M**: Other Areas

⚠ indicates safety critical components.

⁎ New
Parts
Les ar
Telle c

Ref 参	
D11	
C1	
C3	
C5	
C7	
C9	
C11	
C13	
C15	
C17	
C19	
C23	
C25	
C26	
C27	
C28	
C29	
C30	
C31	
C32	
C33	
C36	
C38	
C40	
⚠ C42	
C43	
⚠ C45	
C46	
J2	
⚠ J3	
⚠ J3	
646	
⚠ F1	
⚠ F1	
⚠ F2	
CN2	
CN2	
CN4	
J4	
L1	
A	
B	
F	
CP1	
R17	
R21	
R23	
R29	
R41	
R43	

RTS LIST

t pas fournis.

	Description 部品名／規格	Destination 仕向	Remarks 備考
	KM-895		
	METALLIC CABINET		
	PANEL		
	INDICATOR		
	WARRANTY CARD	KY	
	WARRANTY CARD	X	
	WARRANTY CARD	P	
	CAUTION CARD (UL)	KRY	
	CAUTION CARD (TX TYPE PL)	X	
	CAUTION CARD (ELM TYPE PL)	M	
	CAUTION CARD (P TYPE PL)	P	
	CAUTION CARD	Y	
	CAUTION CARD (RG TYPE PL)	R	
	SERVICE DIRECTORY	Y	
	INSTRUCTION MANUAL(EN)		
	INSTRUCTION MANUAL(FR)	P	
	INSTRUCTION MANUAL(SP)	RM	
	INSTRUCTION MANUAL(C)	M	
	INSTRUCTION MANUAL(TAIWAN)	M	
	AC PLUG ADAPTER	M	
	AUDIO CORD		
	AC POWER CORD	M	
	AC POWER CORD	Y	
	AC POWER CORD	KRP	
	AC POWER CORD	X	
	AC OUTLET	X	
	INSULATING SHEET	MX	
	ITEM CARTON CASE	KRPYX	S
	ITEM CARTON CASE	M	S
	ITEM CARTON CASE	KRPYX	W
	ITEM CARTON CASE	M	W
	POLYSTYRENE FOAMED FIXTURE		S
	POLYSTYRENE FOAMED FIXTURE		W
	CARTON BOARD	X	
	PROTECTION BAG (235X350X0.03)		
	PROTECTION BAG		
	FOOT		
	UNIT HOLDER		
	POWER CORD BUSHING		
	WIRE BAND		
	KNOB (SURROUND/STEREO)		
	KNOB (POWER)		
	POWER TRANSFORMER	KRP	
	POWER TRANSFORMER	YM	
	POWER TRANSFORMER	X	
	PAN HEAD MACHINE SCREW		
	BINDING HEAD TAPTITE SCREW		
	BINDING HEAD TAPTITE SCREW		
	BINDING HEAD TAPTITE SCREW		
	BINDING HEAD TAPTITE SCREW		

: Mexico
: Germany

S: SINGAPORE made
W: MALAYSIA made

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PARTS LIST

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	Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格			Destination 仕向	Remarks 備考
	MAIN AMPLIFIER UNIT(X07-279X-XX)								
	D11 -15			B30-2461-05	LED(RED)				
	C1 ,2			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
	C3 ,4			CK45FB1H561K	CERAMIC	560PF	K		
	C5 ,6			CC45FSL1H101J	CERAMIC	100PF	J		
	C7 ,8			CE04LW1E221M	ELECTRO	220UF	25WV		
	C9 ,10			CC45FSL1H100D	CERAMIC	10PF	D		
	C11 ,12			CC45FSL1H020C	CERAMIC	2.0PF	C		
	C13 ,14			CC45FSL1H220J	CERAMIC	22PF	J		
	C15 ,16			CC45FSL1H221J	CERAMIC	220PF	J		
	C17 ,18			CK45FF1H103Z	CERAMIC	0.010UF	Z		
	C19 -22			CF92FV1H104J	MF	0.10UF	J		
	C23 ,24			CK45FF1H103Z	CERAMIC	0.010UF	Z		
	C25			CE04LW1H101M	ELECTRO	100UF	50WV		
	C26			CE04LW1V470M	ELECTRO	47UF	35WV		
	C27			CE04LW1C330M	ELECTRO	33UF	16WV		
	C28			C90-3533-05	ELECTRO	4.7UF	35WV		
	C29			CQ92FM1H223J	MYLAR	0.022UF	J		
	C30			CE04HW1A470M	NP-ELEC	47UF	10WV		
	C31			CE04LW1C220M	ELECTRO	22UF	16WV		
	C32			CC45FSL1H271J	CERAMIC	270PF	J		
	C33 ,34			C90-3536-05	ELECTRO	6800UF	71WV		
	C36 ,37			C91-1480-05	MP	0.22UF	250WV	YMX	
	C38 ,39			CE04LW1E101M	ELECTRO	100UF	25WV		
	C40 ,41			CE04LW2A470M	ELECTRO	47UF	100WV		
⚠	C42			C91-1488-05	MF	6800PF	250VAC		
	C43 ,44			C91-1480-05	MP	0.22UF	250WV	YMX	
⚠	C45			C91-1488-05	MF	6800PF	250VAC		
	C46 ,47			CK45FF1H103Z	CERAMIC	0.010UF	Z		
	J2			E70-0048-05	LOCK TERMINAL BOARD(SPEAKERS)				
⚠	J3			E03-0108-05	AC OUTLET			M	
⚠	J3			E03-0146-05	AC OUTLET			KRPY	
	646	1C		F20-1284-05	INSULATING BOARD				
⚠	F1			F05-5025-05	FUSE (SEMKO)	(250V T5A)		YM	
⚠	F1			F05-6029-05	FUSE (UL)	(125V 6A)		KRP	
⚠	F2			F05-2525-05	FUSE (SEMKO)	(250V T2.5AL)		YMX	
	CN2 -5			J13-0075-05	FUSE CLIP			YM	
	CN2 ,3			J13-0075-05	FUSE CLIP			KRP	
	CN4 ,5			J13-0075-05	FUSE CLIP			X	
	J4			J11-0098-05	WIRE CLAMPER				
	L1 ,2			L39-0085-05	PHASE COMPENSATION COIL				
	A	2B		N09-0333-05	TAPPING SCREW(HEXAGON HD 3X12)				
	B	1B		N09-2907-05	SEMS (TAPTITE SCREW)(3X14)				
	F	1B		N89-3008-46	BINDING HEAD TAPTITE SCREW				
	CP1 ,2			R90-0888-05	MULTIPLE RESISTOR				
	R17 ,18			RD14NB2E221J	RD	220	J 1/4W		
	R21 ,22			RD14NB2E271J	RD	270	J 1/4W		
	R23 ,24			RD14NB2E221J	RD	220	J 1/4W		
	R29 -32			RD14NB2E220J	RD	22	J 1/4W		
	R41 ,42			RS14KB3D100J	FL-PROOF RS	10	J 2W		
	R43 ,44			RD14NB2E100J	RD	10	J 1/4W		

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PARTS LI

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	Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	
⚠	R51			RD14NB2E100J	RD
⚠	R67 ,68			RD14NB2E330J	RD
	R69			RS14KB3D562J	FL-PROO
	R70			RS14KB3D682JTE	FL-PROO
	VR1			R05-5063-05	POTENTI
	VR2 ,3			R12-1616-05	TRIMMIN
	K1 ,2			S51-2078-05	MAGNETI
⚠	S1			S31-2322-05	SLIDE S
⚠	S2			S40-1154-05	PUSH SW
	S3			S68-0032-05	PUSH SW
	D1 -4			HSS104A	DIODE
	D1 -4			1SS131	DIODE
⚠	D5 ,6			S5688B	DIODE
⚠	D5 ,6			1SR139-100	DIODE
	D7			HZS24N(B2)	ZENER D
	D7			RD24ES(B2)	ZENER D
	D8			HSS104A	DIODE
	D8			1SS131	DIODE
	D9 ,10			HZS15N(B2)	ZENER D
	D9 ,10			RD15ES(B2)	ZENER D
	D16 ,17			HSS104	DIODE
	D16 ,17			1SS133	DIODE
	D18			HSS104A	DIODE
	D18			1SS131	DIODE
⚠	D19			D5SBA20F03	DIODE
⚠	D19			RBV-602LFA	DIODE
	D20			HSS104A	DIODE
	D20			1SS131	DIODE
	D24 ,25			HSS104	DIODE
	D24 ,25			1SS133	DIODE
	D26 -29			HSS104A	DIODE
	D26 -29			1SS131	DIODE
	D30 -33			HZS22N(B2)	ZENER D
	D30 -33			RD22ES(B2)	ZENER D
	D34 -37			HZS24N(B2)	ZENER D
	D34 -37			RD24ES(B2)	ZENER D
	IC1			UPC1237HA	IC(POWE
	Q1 -4			2SA992(F,E)	TRANSIS
	Q5 -8			2SC2632(R,S)	TRANSIS
	Q9 ,10			2SA1124(R,S)	TRANSIS
	Q11 ,12			2SC4137F19(V,W)	TRANSIS
⚠	Q13 ,14			2SD2449LB	TRANSIS
⚠	Q15 ,16			2SB1594LB	TRANSIS
	Q17 ,18			2SC2631(R,S)	TRANSIS
	Q19 ,20			2SC1740S(Q,R)	TRANSIS
	Q19 ,20			2SC2785(F,E)	TRANSIS
⚠	Q21			2SC3940A	TRANSIS
	Q22			2SA1175(F,E)	TRANSIS
	Q22			2SA933S(Q,R)	TRANSIS
	Q23			2SC1740S(Q,R)	TRANSIS
	Q23			2SC2785(F,E)	TRANSIS
	Q24			2SA992(F,E)	TRANSIS

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Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
MAIN AMPLIFIER UNIT(X07-279X-XX)						
D11 -15			B30-2461-05	LED(RED)		
C1 ,2			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C3 ,4			CK45FB1H561K	CERAMIC 560PF K		
C5 ,6			CC45FSL1H101J	CERAMIC 100PF J		
C7 ,8			CE04LW1E221M	ELECTRO 220UF 25WV		
C9 ,10			CC45FSL1H100D	CERAMIC 10PF D		
C11 ,12			CC45FSL1H020C	CERAMIC 2.0PF C		
C13 ,14			CC45FSL1H220J	CERAMIC 22PF J		
C15 ,16			CC45FSL1H221J	CERAMIC 220PF J		
C17 ,18			CK45FF1H103Z	CERAMIC 0.010UF Z		
C19 -22			CF92FV1H104J	MF 0.10UF J		
C23 ,24			CK45FF1H103Z	CERAMIC 0.010UF Z		
C25			CE04LW1H101M	ELECTRO 100UF 50WV		
C26			CE04LW1V470M	ELECTRO 47UF 35WV		
C27			CE04LW1C330M	ELECTRO 33UF 16WV		
C28			C90-3533-05	ELECTRO 4.7UF 35WV		
C29			CQ92FM1H223J	MYLAR 0.022UF J		
C30			CE04HW1A470M	NP-ELEC 47UF 10WV		
C31			CE04LW1C220M	ELECTRO 22UF 16WV		
C32			CC45FSL1H271J	CERAMIC 270PF J		
C33 ,34			C90-3536-05	ELECTRO 6800UF 71WV		
C36 ,37			C91-1480-05	MP 0.22UF 250WV	YMX	
C38 ,39			CE04LW1E101M	ELECTRO 100UF 25WV		
C40 ,41			CE04LW2A470M	ELECTRO 47UF 100WV		
⚠ C42			C91-1488-05	MF 6800PF 250VAC		
C43 ,44			C91-1480-05	MP 0.22UF 250WV	YMX	
⚠ C45			C91-1488-05	MF 6800PF 250VAC		
C46 ,47			CK45FF1H103Z	CERAMIC 0.010UF Z		
J2			E70-0048-05	LOCK TERMINAL BOARD(SPEAKERS)		
⚠ J3			E03-0108-05	AC OUTLET	M	
⚠ J3			E03-0146-05	AC OUTLET	KRPY	
646	1C		F20-1284-05	INSULATING BOARD		
⚠ F1			F05-5025-05	FUSE (SEMKO) (250V T5A)	YM	
⚠ F1			F05-6029-05	FUSE (UL) (125V 6A)	KRP	
⚠ F2			F05-2525-05	FUSE (SEMKO) (250V T2.5AL)	YMX	
CN2 -5			J13-0075-05	FUSE CLIP	YM	
CN2 ,3			J13-0075-05	FUSE CLIP	KRP	
CN4 ,5			J13-0075-05	FUSE CLIP	X	
J4			J11-0098-05	WIRE CLAMPER		
L1 ,2			L39-0085-05	PHASE COMPENSATION COIL		
A	2B		N09-0333-05	TAPPING SCREW(HEXAGON HD 3X12)		
B	1B		N09-2907-05	SEMS (TAPTITE SCREW)(3X14)		
F	1B		N89-3008-46	BINDING HEAD TAPTITE SCREW		
CP1 ,2			R90-0888-05	MULTIPLE RESISTOR		
R17 ,18			RD14NB2E221J	RD 220 J 1/4W		
R21 ,22			RD14NB2E271J	RD 270 J 1/4W		
R23 ,24			RD14NB2E221J	RD 220 J 1/4W		
R29 -32			RD14NB2E220J	RD 22 J 1/4W		
R41 ,42			RS14KB3D100J	FL-PROOF RS 10 J 2W		
R43 ,44			RD14NB2E100J	RD 10 J 1/4W		

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Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
⚠ R51			RD14NB2E100J	RD 10 J 1/4W		
⚠ R67 ,68			RD14NB2E330J	RD 33 J 1/4W		
R69			RS14KB3D562J	FL-PROOF RS 5.6K J 2W		
R70			RS14KB3D682JTE	FL-PROOF RS 6.8K J 2W		
VR1			R05-5063-05	POTENTIOMETER(100K)		
VR2 ,3			R12-1616-05	TRIMMING POT.(1K)		
K1 ,2			S51-2078-05	MAGNETIC RELAY		
⚠ S1			S31-2322-05	SLIDE SWITCH(AC VOLTAGE SEL)	YM	
⚠ S2			S40-1154-05	PUSH SWITCH (POWER)		
S3			S68-0032-05	PUSH SWITCH (SURROUND/STEREO)		
D1 -4			HSS104A	DIODE		
D1 -4			1SS131	DIODE		
⚠ D5 ,6			S5688B	DIODE		
⚠ D5 ,6			1SR139-100	DIODE		
D7			HZS24N(B2)	ZENER DIODE		
D7			RD24ES(B2)	ZENER DIODE		
D8			HSS104A	DIODE		
D8			1SS131	DIODE		
D9 ,10			HZS15N(B2)	ZENER DIODE		
D9 ,10			RD15ES(B2)	ZENER DIODE		
D16 ,17			HSS104	DIODE		
D16 ,17			1SS133	DIODE		
D18			HSS104A	DIODE		
D18			1SS131	DIODE		
⚠ D19			D5SBA20F03	DIODE		
⚠ D19			RBV-602LFA	DIODE		
D20			HSS104A	DIODE		
D20			1SS131	DIODE		
D24 ,25			HSS104	DIODE		
D24 ,25			1SS133	DIODE		
D26 -29			HSS104A	DIODE		
D26 -29			1SS131	DIODE		
D30 -33			HZS22N(B2)	ZENER DIODE		
D30 -33			RD22ES(B2)	ZENER DIODE		
D34 -37			HZS24N(B2)	ZENER DIODE		
D34 -37			RD24ES(B2)	ZENER DIODE		
IC1			UPC1237HA	IC(POWER AMP)		
Q1 -4			2SA992(F,E)	TRANSISTOR		
Q5 -8			2SC2632(R,S)	TRANSISTOR		
Q9 ,10			2SA1124(R,S)	TRANSISTOR		
Q11 ,12			2SC4137F19(V,W)	TRANSISTOR		
⚠ Q13 ,14			2SD2449LB	TRANSISTOR		
⚠ Q15 ,16			2SB1594LB	TRANSISTOR		
Q17 ,18			2SC2631(R,S)	TRANSISTOR		
Q19 ,20			2SC1740S(Q,R)	TRANSISTOR		
Q19 ,20			2SC2785(F,E)	TRANSISTOR		
⚠ Q21			2SC3940A	TRANSISTOR		
Q22			2SA1175(F,E)	TRANSISTOR		
Q22			2SA933S(Q,R)	TRANSISTOR		
Q23			2SC1740S(Q,R)	TRANSISTOR		
Q23			2SC2785(F,E)	TRANSISTOR		
Q24			2SA992(F,E)	TRANSISTOR		

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SUB-CIRCUIT UNIT(X13-7310-10)						
C1			CE04HW1H4R7M	NP-ELEC 4.7UF 50WV		
C2			CK45FF1H103Z	CERAMIC 0.010UF Z		
C3 ,4			CE04LW1H100M	ELECTRO 10UF 50WV		
J1			E63-0119-05	PHONO JACK(LINE/SURR/S.WOOFER)		
R10			RD14GB2E821J	FL-PROOF RD 820 J 1/4W		
K1			S51-2089-05	MAGNETIC RELAY		
K1			S76-0018-05	MAGNETIC RELAY		
K2			S51-2090-05	MAGNETIC RELAY		
D1 -4			HSS104A	DIODE		
D1 -4			1SS131	DIODE		

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KM-895

SPECIFICATIONS

For the U.S.A. and Canada

Rated power output
STEREO MODE

100 watts per channel minimum RMS,both channels driven,at 8 Ω 1kHz with no more than 0.09% total harmonic distortion.

Total harmonic distortion .....0.01 % (1 kHz, 50 W, 8 Ω)
Frequency response
MAIN IN .....10 Hz ~ 65 kHz, +0 dB, -3 dB
Signal to noise ratio (IHF'66)
MAIN IN.....103 dB
Input sensitivity / impedance
MAIN IN .....150 mV/40 kΩ

General

Power consumption 2.3A
AC outlets
UNSWITCHED ..... (30 W max.)
Dimensions.....W : 440 mm (17-5/16")
.....H : 133 mm (5-1/4")
.....D : 263 mm (10-3/8")
Weight (Net) .....6.4 kg (14.1 lb)

For other countries

Rated power output
STEREO MODE
(IHF'66) 1 kHz, 0.09 % T.H.D. at 8 Ω.....100 W + 100 W
(EIAJ) 1 kHz, 10 % T.H.D. at 8 Ω .....145 W + 145 W

Total harmonic distortion .....0.01 % (1 kHz, 50 W, 8 Ω)
Frequency response
MAIN IN .....10 Hz ~ 65 kHz, +0 dB, -3 dB
Signal to noise ratio (IHF'66)
MAIN IN.....103 dB
Input sensitivity / impedance
MAIN IN .....150 mV / 40 kΩ

General

Power consumption .....200 W
AC outlets
UNSWITCHED.....(30 W max.)
Dimensions .....W : 440 mm
H : 133 mm
D : 263 mm
Weight (Net) .....6.4 kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Note:
Component and circuity are subject to modification to insure best operation under differing local conditions. This manual is based on the general market (M) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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